"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADEJOVSKY, Miroslav, inz., Jirik, Otto, inz.

Development of the railroad network of the Ostrava Junction. Zel dop tech 11 no.10:302-303, 311 '63.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

BEDRNA, J.; MLADEK, A.; PETR, R.; PROCHAZKA, J.

Novocain block of the stellate ganglion and stellectomy in vascular disorders of the upper extremities and in angina pectoris as seen on the electrocardiogram. Lek.listy 6 no.5:136-141 1 Mar 51. (CLML 20:6)

1. Of the Surgical Clinic of the Medical Faculty Branch in Hradec Kralove (Head--Prof.J.J.Bedrna,M.D.).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADEK, A.

Works of the national health center in the field of cardiology. Prakt. lek., Praha 31 no. 11:255-257 8 June 1951. (CLML 22:3)

1. Of the District Center for Diseases of Blood Vessels and Heart (Head--Docent A. Mladek, M. D.).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADEK, A.

Cardiac resuscitation. Lek. listy, Brno 8 no.13:293-296 1 July 1953.
(CLML 25:1)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADEK, A.

MLADEK, A.

Circulation disorders in healthy pregnant women, pathology and therapy. Cesk. gyn. 19 no.4:280-285 July 54.

1. Z KUNZ, v Usti n. Labem, Odd. chor. srdce & cev.; predn. Doc. Dr. A.Mladek.

(BLOOD CIRCULATION, in pregnancy
disord., pathol. & ther.)
(PREGNANCY, complications
circ. disord., pathol. & ther.)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

KRATOCHVIL, Dr.; MLADEK, Dr.; PODLAHA, Dr.

Problem of differential diagnosis of non-paralytic form of poliomyelitis. Prakt. lek., Praha 35 no.17:392-393 5 Sept 55.

1. Z infekcniho oddeleni (prednosta MUDr. RNDr. F. Mladek) a neurologickeho oddeleni (prednosta MUDr. L. Kratochvil) OUNZ-nemocnice v Pisku.
(POLIOMYELITIS, differential diagnosis non-paralytic)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

VLADEK, Arnost, Doc., Dr.

So-called tight stenosis of the left atrioventricular orifice. Cas. lek. cesk. 95 no.25-26:665-667 29 June 56.

1. Z kardiochirurgickeho strediska pri chirurgickych katedrach VLA. J. E. Purkyne v Hradci Kralove. A.M., Podebrady, Fugnerova 24/25.

(MITRAL STENOSIS, surg.
in tight stenosis, comparison with narrow stenosis (Cz))

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADEK, A.,doc., Dr; NEUMANN, Jiri, as. MUDr

Ligation of inferior vena cava in preparation for intracardiac surgery. Cas.lek.cesk. 95 no.35:952-956 31 Aug 56

1. Kardiochirur. stredisko pri chirurg. katedrach VLA v Hradci Kralove IV. interni klin. KU v Praze, predn. prof. Dr B.Prusik A.M.Podebrady, Fugnerova 24/25

(MITRAL STENOSIS, surg.
ligation of inferior vena cava in prep. for intracardiac surg. (Cz))
(VENAE CAVAE, surg.
ligation of inferior in prep. for mitral stenosis surg. (Cz))

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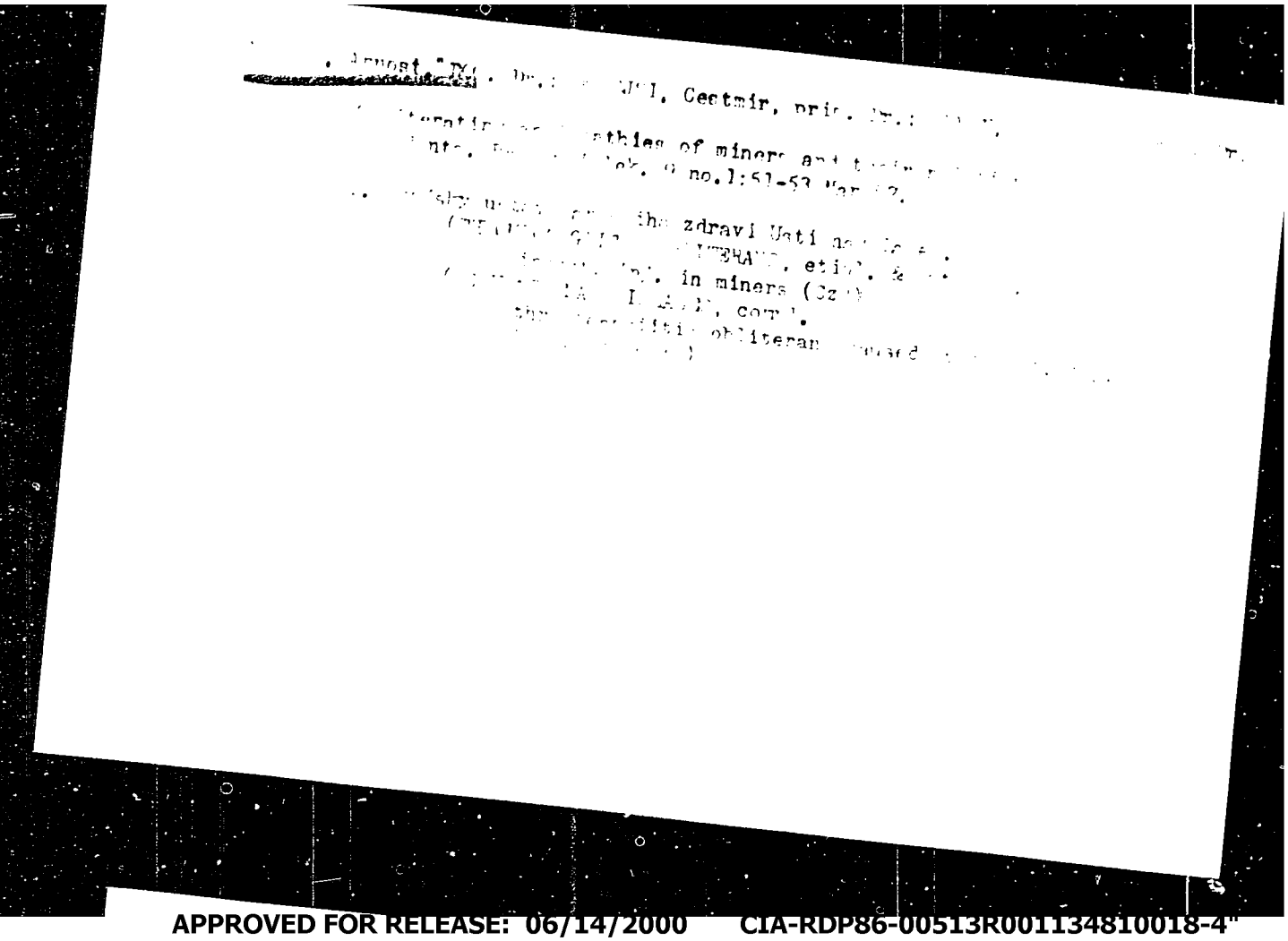

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MIADEK, Arnost (A. M., Podebrady, Fugnerova 24/25)

Post-commissurotomy syndrome. Cas. lek. cesk. 97 no.4:100-104 24 Jan 58.

1. Kardiochirurgicke stredisko pri chirurgickych katedrach VLA J. Ev. P., Hradec Kralove, prednosta prof. Dr. Jaroslav Prochazka.
(COMMISSUROTOMY, compl.
post-commissurotomy synd. (Cz))

APPROVED FOR RELEASE: 06/14/2000

MIADEK, A.

Modern cardiosurgery and its results. Cas. lek. cesk. 97 no.38:Lek. veda zahr.,199-204 19 Sept 58.
(HEART, surgery,
review (Cz))

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADEN, Ion, ing.

Socialist competition among Rumanian planners. Munca sindic 6 no.11: 15-18 N '62.

1. Presedinte al comitetului sindicatului de la Directia de sistematizare, architectura si proiectare a constructiilor, Constanta.

CIA-RDP86-00513R001134810018-4

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

ANDREICHIN, R., d-r; KEKHLIBAROV, T.; MLADENOV, At.

A device for simultaneous recording of solar radiation intensity in various spectral regions. Izv fiz atom BAN 11 no.1/2:49-58 '63.

1. Chlen na Redaktsionnata kolegiia "Izvestiia na Fizicheskiia institut s ANEB" (for Andreichin).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

Vol. [illegible], No. [illegible], June [illegible].
[illegible]
[illegible]
Sofia, Bulgaria

So: [illegible]

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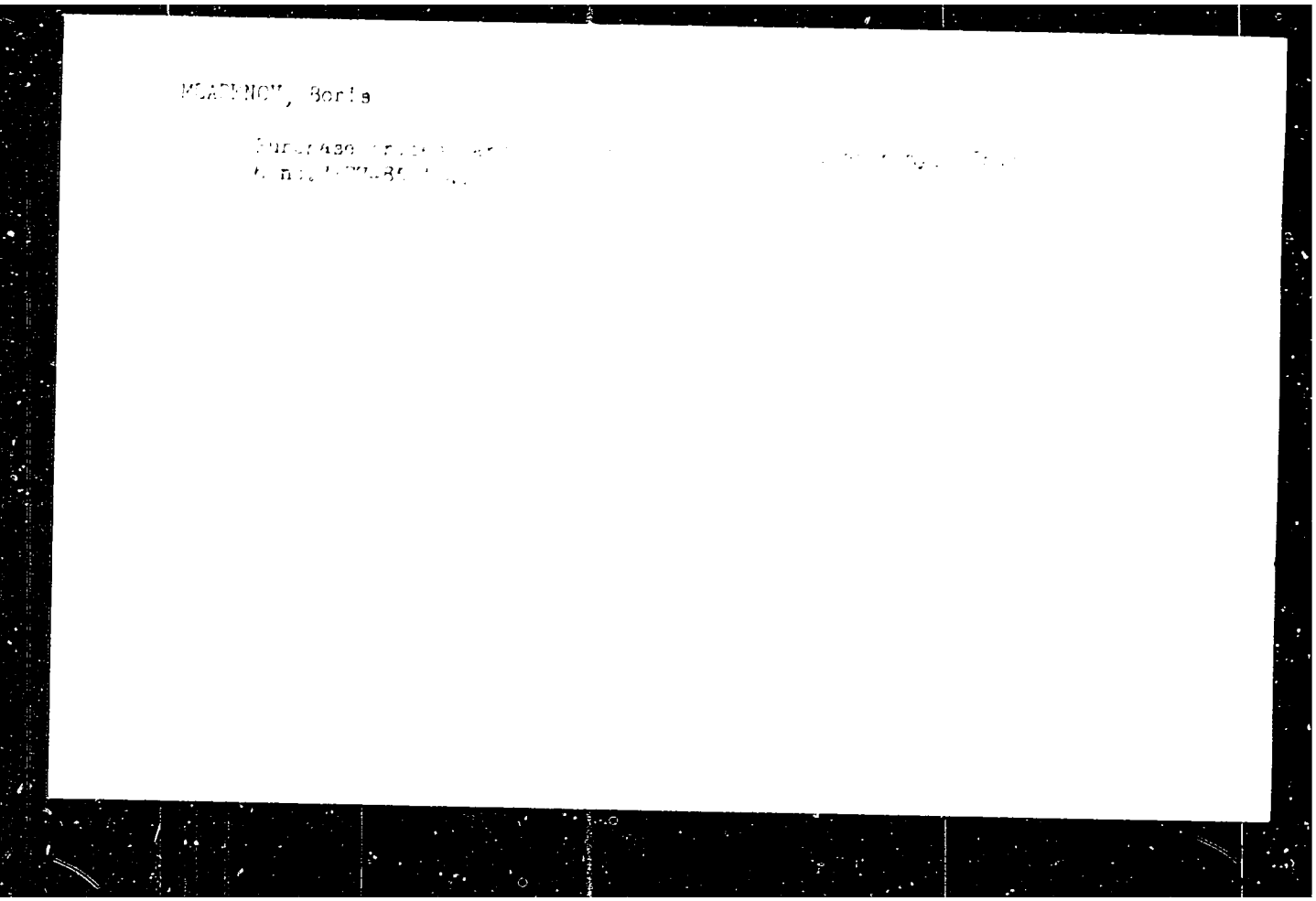

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, B., inzh; DIMOV, D., inzh.

Rational utilization of existing engineering structures in ordinary buildings for protection against modern nuclear weapons. Stroitelstvo 10 no.5:30-31 S-O '63.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

[illegible], [illegible].

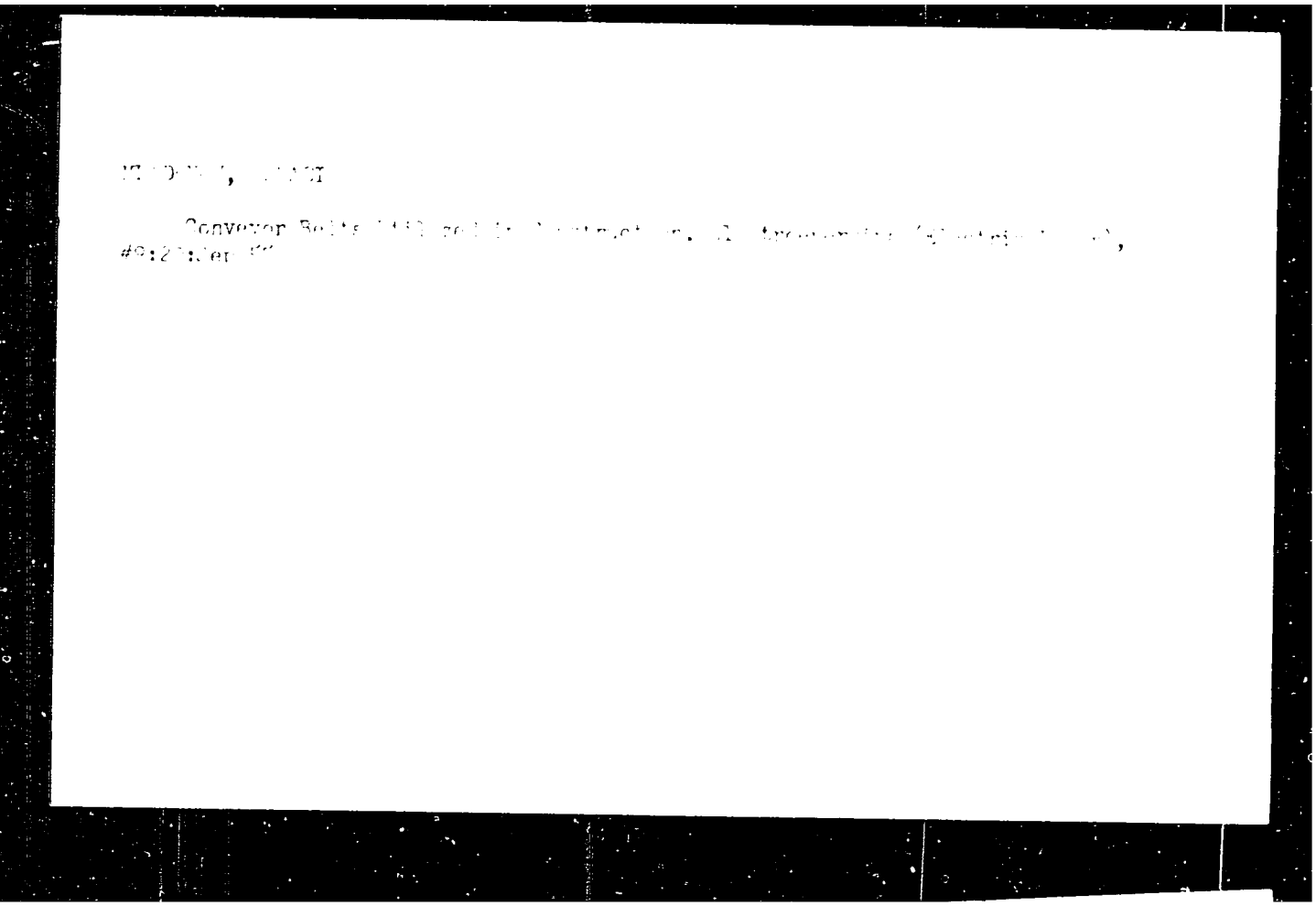
Surveyors in construction. p. 20.

Vol. 6, no. 9, Sept. 1955
[illegible]
Sofiya, Bulgaria

So: Eastern European Accession, Vol. 5, No. [illegible], April 1956

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4



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MLADENOV, I., inzh.

News in television receivers. Radio i televiziia 11 no.4:111-113 '62.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, I.

Progress made in industries for weak-current equipment. Mashinostroene 11 no.7/8:44-45 Jl-Ag '62.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

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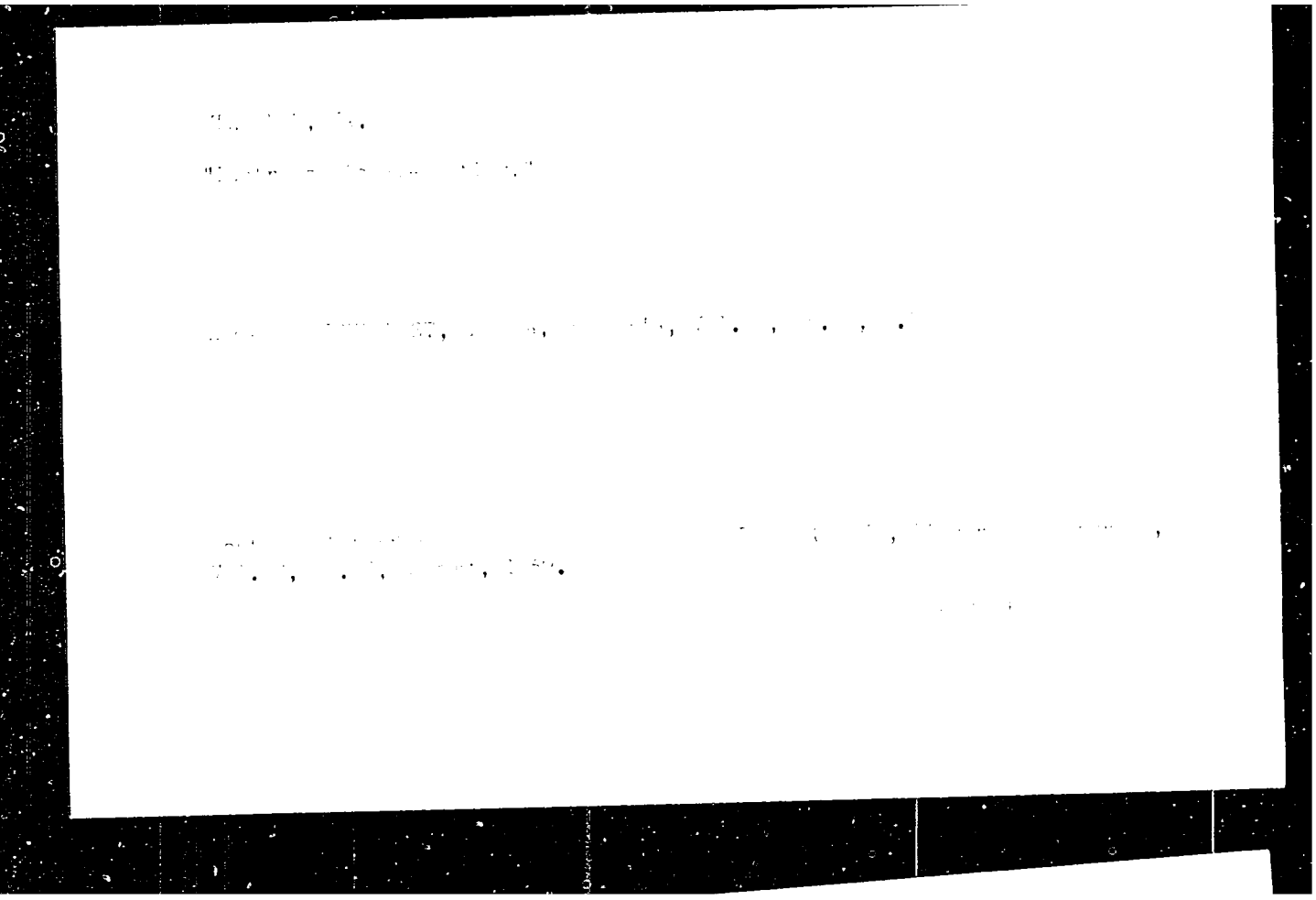

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, Ia., inzh.-khim.

Artificial ripening of tomatoes. Prir i znanie 15 no.1:15-16 Ja '62.

06/14/2000 CIA-RDP86-00513R001134810018-4"

MLADENOV, Isidor

From Angström to the parsec. Nauka i tekh mladezi. 14 no.8:32 Ag '62.

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, I.

MLADENOV, I. Characteristics of metallic [illegible] method with the aid of oscillating electrode. In German. [illegible] Fiz. 9., no.1, Jan.-Mar. [illegible] Sofiia, Bulgaria

[illegible]: East European accession list [illegible] Vol. [illegible], [illegible] April [illegible]

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L 4341-66 EPF(c)/EPF(n)-2/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JD/GG
ACC NR: AP5028769 SOURCE CODE: BU/0011/65/018/002/0097/0100

AUTHOR: Kirov, K.; Bandarmaliyeva, Ye.; Mladenov, I.

ORG: Physics Institute, Bulgarian Academy of Sciences (Fizicheskiy institut, Bolgarskoy akademii nauk)

TITLE: Recombination processes in CdS during α-particle excitation

SOURCE: Bulgarska akademiya na naukite, v. 18, no. 2, 1965, 97-100

TOPIC TAGS: semiconductor theory, cadmium sulfide, single crystal, free electron, electron recombination, alpha particle, exciton, electron trapping

ABSTRACT: [Russian article] While the counting properties of CdS monocrystals are fairly well known, the problem of recombination of the free electrons excited by the ionizing particle was studied rather casually. Since the ionization density is very large, one may expect some peculiarities as compared with excitations by photons and, consequently, the author studied on a pulsed oscilloscope (range 1-7 Mc) the shape of the current pulse during the irradiations by P_C 210 α particles. Such α particles were able to cross the 10-20 μm thickness of the crystal and produce conduction channels. While within the -30 to +55 °C interval the pulses seem to follow quite well the curves describable by the quadratic law recombination equation

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ACC NR: AP5028769

$$\frac{n_0}{n}=\frac{\Delta J_0}{\Delta J}=1+\alpha n_0 t, \qquad (2)$$

(ΔJ_0 - magnitude of the current pulse, α - free electron-hole recombination coefficient) at lower temperatures of about -150 °C and at a definite degree of trap filling the pulse acquired a shape shown on Fig. 3.

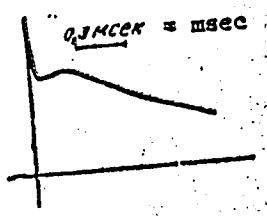

Fig. 3

It is possible that here the concentration of fine traps is comparable with the concentration of excited electrons, and these traps may then affect the fast part of the pulse. The work was presented by G. Nadzhakov, 1 Nov 64. Orig. art. has: 3 formulas, 3 graphs. [JPRS]

SUB CODE: SS / SUBM DATE: 010ct64 / OTH REF: 003 / SOV REF: 002

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, IA., inzh. khim.

The constitution of matter. Prir i znanie 12 no.10:22-23 D '59. (EEAI 9:10)

(Matter)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

MLADENOV, IA.

Transmutation of chemical elements. Prir i znanie 13 no.3:19-20 Mr '60. (EEAI 9:10)

(Transmutation (Chemistry))

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, IA., inzh

Metal corrosion. Prir i znanie 15 no.5:21-22 My '62.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, IA., inzh.-khim.

Production and importance of the coal-tar chemical plant. Prir i zanaie 15 no.8:1-4 Ag '62.

06/14/2000 CIA-RDP86-00513R001134810018-4"

MLADENOV, Ia., inzh.

Problems of [illegible] no. [illegible].

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, I.; NIKOLINSKI, P. [Nikolinski, P.]; VASILEVA, S. [Vasilelva, S.]

Studying compatibility of certain caoutchoucs by selective inflating. Doklady BAN 16 no. 8, 837-840 '63.

1. Note presentee par M. Ivanoff [Ivanov, I.], membre de l'Academie, membre du Comité de redaction, "Doklady Bolgarskoy Akademii nauk." Comptes rendus de l'Academie bulgare des Sciences".

...14/2000 CIA-RDP86-00513R001134810018-4"

MLADENOV, I.A., inzh.

What one can obtain from petroleum today. Prir i znanie 16 no.2:23-24 O '63.

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

NIKOLINSKI, P.; MLADENOV, Iv.; DRAMOV, S.; TEPELIKIAN, M.

On obtaining nitroalcohol and nitrobutadiene. Godishnik khim tekh 6 no.2:95-106 '59 (Publ. '60).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, I.

SOV/4984

PHASE I BOOK EXPLOITATION

International symposium on macromolecular chemistry. Moscow, 1960.

Mezhdunarodnyy simpozium po makromolekulyarnoy khimii SSSR, Moskva, 14-18 iyunya 1960 g.; doklady i avtoreferaty (International Symposium on Macromolecular Chemistry Held in Moscow, June 14-18, 1960; Papers and Summaries) Section III. (Moscow, Izd-vo AN SSSR, 1960) 469 p. 55,000 copies printed.

Tech. Ed.: P. S. Kuznina.

Sponsoring Agency: The International Union of Pure and Applied Chemistry. Commission on Macromolecular Chemistry.

PURPOSE: This book is intended for chemists interested in polymerization reactions and the synthesis of high molecular compounds.

COVERAGE: This is Section III of a multivolume work containing papers on macromolecular chemistry. The articles in general deal with the kinetics of polymerization reactions, the synthesis of special-purpose polymers, e.g., ion exchange resins, semiconductor materials, etc., methods of catalyzing polymerization reactions, properties, and chemical interactions of high molecular materials, and the effects of various factors on polymerization and the degradation of high molecular compounds. No personalities are mentioned. References given follow the articles.

Uranov, Kh. U., D. N. Munayev, and B. B. Tillayev (USSR) The Radiation Method of Copolymerizing Acrylonitrile with Polystyrene and Perchlorovinyl 170

Rafikov, S. R., O. N. Zhuravleva, I. V. Chepelyeva, and P. N. Grebenyuk (USSR). Oxyethylation of Terephthalin and Isophthalic Chain Polyamides 184

Santo, I., and K. Gal (Hungary). Grafting Methyl Methacrylate Onto Films of Polyvinyl Alcohol Under the Action of X-Rays 207

Lazar, M., R. Rado, and Yu. Pavlinets (Czechoslovakia). Grafting Methyl Methacrylate Onto Polypropylene and Polyethylene 218

Tutorskiy, I. A., Z. Ye. Smolyan, and V. M. Bystrov (USSR). The Interaction of Carboxyl-Containing Butadiene-Styrene Rubbers with Polyamides and ε-Caprolactam 224

Kolesnikov, G. S., and Ta'eng Han-ming (USSR). Synthesis and Source of Free Radicals on Irradiating in Polyethylene 250

Rado, R., and M. Lazar (Czechoslovakia). The Role of the Oxides of Nitrogen 293

Mladenov, I., I. A. Tutorskiy, and B. A. Dogadkin (USSR). On the Transformations of Nitrogen-Containing Groups in Styrene Rubbers and Their Mixtures with ε-Caprolactam Under the Action of Gamma Radiation 302

Rogovin, Z. A., V. A. Petrukhina, and Sun Tung-hsing (USSR). Syntheses of Kang, and L. S. Gal (Hungary). Grafting Methyl Methacrylate Onto Cellulose Derivatives and Other Polysaccharides 310

Yermakova, Z. N., and F. N. Kolotinskiy (USSR). Initiation of the Controlled Synthesis of Modified Cellulose with Oxides of Nitrogen 334

Ivanov, V. A., M. Th. Lermontov, V. A. Ivanova (USSR). Oxidational Transformations in Chains of Cellulose Molecules 341

Berlin, A. A., Ye. A. Penskaya, [illegible] (USSR). Mechanicochemical Transformations of [illegible] Polymers in Solution During the Freezing of [illegible]

Uranov, Kh. U., B. [illegible] Antikiy (USSR). Modification of the Properties [illegible] by Grafting 344

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

MLADENOV, I., TUTORSKIY, I. A. and DOGADKIN, B. A. (USSR)

"Report presented at the [illegible] 14-18 June 60."

O prevrashcheniyakh karbamidnykh i uretanovykh [illegible] kauchukov i izd. smesey s kaprolaktamom pod deystv. gamma-izl. cheniya

Gamma-ray induced reactions of carboxylated butadiene-styrene rubbers and their mixtures with caprolactam

TUPA I, III:1-60

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

81609

S/190/60/002/02/08/011
B004/B061

15.9120

AUTHORS Dogadkin, B. A., Mladenov, I., Tutorskiy, I. A.

TITLE Conversions of Carboxylated Butadiene-styrene Rubbers Under the Action of Gamma Radiation

PERIODICAL Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 2, pp. 259-264

TEXT: Carboxylated butadiene-styrene rubber with 30% of styrene, 1.30 and 1.60% of methacrylic acid; 50% of styrene and 2.86 or 5.43% of methacrylic acid were irradiated as 0.5 mm thick films in an argon atmosphere with 0.05% of oxygen from a Co^{60} source of the type K-20 (K-20), with 0.1 - 50 Mr. The following were determined on the irradiated samples: number of the remaining carboxyl groups (Fig. 1, Table 1); gel content (Fig. 2, Table 2); viscosity of the urine fraction (Fig. 3); maximum swelling in benzene or methylethylketone (Fig. 4); and the formation of cross-links (Fig. 5, Table 3). The results are as follows: Under the effect of gamma radiation a loss of carboxyl groups occurs,

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Conversions of Carboxylated Butadiene-styrene Rubbers Under the Action of Gamma Radiation

S/190/60/002/02/08/011
B004/B061

which is particularly heavy with a small radiation dose The connection observed between the quantities of gel formed and carboxyl groups consumed indicates a complicated process of structure formation and destruction. The latter is seen in a decrease, especially rapid with small doses, of viscosity of the brine fraction Intensive interlacing is caused by raising the methacrylic acid content. There is a linear relation between the number of carboxyl groups and the number of cross-links formed. The number of cross-links calculated from the data of the swelling agrees well with radiation doses of up to 20 Mr with the number calculated from the carboxyl groups consumed There are 5 figures, 3 tables, and 6 references 3 Soviet and 3 US.

ASSOCIATION. Moskovskiy institut tonkoy khimicheskoy tekhnologii (Moscow Institute of Fine Chemical Technology)

SUBMITTED November 12, 1959

Card 2/2

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

NIKOLINSKI, P.; BOIADZHIEVA, Ts.; MLADENOV, Iv.; SHIPOLINI, R.

Uncovering certain organic acids in vulcanized rubber by paper chromatography. Godishnik khim tekh 7 no.1/2:37-50 '60 [publ. '61].

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

DOGADKIN, B.; MLADENOV, Iv.; TUTORSKI, I.

Changes in the carboxyl-containing butadiene-styrolene rubbers and their mixtures with ϵ-caprolactam under the action of gamma rays. Godishnik khim tekh 7 no.1/2:51-63 '60 [publ. '61].

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, Iv.; NIKOLINSKI, P.; VELCHEVA, I.

Possibility of using the Dimitrovgrad bentonite as the active filler of the latex sponges on the basis of T-revertex and standard revertex. Godishnik khim tekh 7 no.1/2:241-250 '60 [publ. '61].

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

NIKOLINSKI, P.; MLADENOV, Iv.

Obtaining the purified filling chlorinated rubber from the vulcanized waste products. Godishnik khim tekh 7 no.1/2:251-2[illegible] '60 [publ. '61].

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

VLADENOV, Iv.; KOLAROV, N.

Characteristics of the metallic hydrosols obtained by the Bredig method with the aid of the vibrating electrode. II. Godishnik khim tekh 7 no.1/2:259-268 '60 [publ. '61].

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

B/007/62/00?/012/004/012
B204/B307

AUTHORS: Bogadkin, V., Kladenov, I. and Tutorskiy, I.

TITLE: On the changes in carboxyl-containing butadiene-styrene rubbers and their mixtures with ε-caprolactam under the action of γ-rays

PERIODICAL: Referativnyy byulleten' Bolgarskoy nauchnoy literatury, khimiya i khimicheskaya tekhnologiya, no. ... 1962, 6, abstract 102, God. khim.-tekhnol. inst. 6, 1960, book 1 and 2, 1961 (Dep. 1962), pp 51-65 (Rus. and Eng. summaries)

TEXT: Carboxyl-containing butadiene-styrene rubbers were γ-irradiated from a Co^{60} source with doses of 0.1 - 50 megaroentgens. Losses of carboxylic groups were determined, particularly at low doses. This process occurs as a result of a complex structurization mechanism which is also accompanied by some destruction. A linear relation exists between the amount of carboxylic groups lost and the radiochemical yield. During the irradiation of a mixture of carboxy-

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B204/B307

On the changes ...

late rubber with ε-caprolactam, addition of the ε-caprolactam to the rubber is observed (along the bonded nitrogen). The plot of the amount of caprolactam added on at various doses of radiation exhibits a maximum. This is ascribed to destruction of bonded ε-caprolactam, with evolution of nitrogen.
[Abstracter's note: Complete translation]

Card 2/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

S/081/62/000/014/032/039
B166/B144

AUTHORS: Mladenov, Iv., Nikolinski, P., Grozlekov, P.

TITLE: Enhancing the compatibility between natural rubber and CKC-30 (SKS-30)

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 14, 1962, 650, abstract 14P354 (Kozhi, obuvki, kauchuk, plastmasi, v. 2, no. 4, 1961, 6 - 8)

TEXT: The pyrolysis product of old rubber from tires (density 0.9254, iodine number 116.0, Engler viscosity 1.06, boiling point 138°C, n_D^{20} 1.5142) was oxidized by blowing air or O_2 through it at 130°C, and 5 - 10% of this was introduced into a blend of HK (NK) and butadiene-styrene rubber (6 : 4) as a plasticizer. The physical and mechanical properties of such vulcanizates are better than those of vulcanizates containing stearic acid or unoxidized oil as the softener. The plasticizer which in least quantity gives the best physical and

Card 1/2

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mechanical properties is that extracted from the vulcanizate by an alcohol-toluene mixture. [Abstracter's note: Complete translation.

Card 2/2

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, Iv.; ABAZOVA, Iord.; NIKOLINSKI, P.

Studies on the activity of the Bulgarian silica gel as a filler in rubber industry. Godishnik khim tekh 8 no.2:63-71 '61 [publ. '62].

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

B/007/62/000/001/001/002
B204/B307

AUTHORS: Mladenov, I., Nikolinski, P., Gul', V. and Petrov, N.

TITLE: The influence of branching of polymeric chains on their combining power in block and in solution

PERIODICAL: Referativnyy byulleten' bolgarskoy nauchnoy literatury. Khimiya i khimicheskaya tekhnologiya, no. 1, [illegible], 61 - 64,

TEXT: Polymethyl methacrylate (PMM) and polystyrene with branched chains were tested for mutual compatability and their combining power with polyvinyl acetate (PVA) and natural rubber, both in block form and in solution. The combining power in solutions (benzene and chloroform) was assessed by the measurement of specific viscosity. PMM possessing branched chains was far more

Card 1/2

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B204/B507

compatible with PVA, to with branched chains and natural rubber, which was the linear polymer. A new method is described of determining the compatability in block form, consisting of selective swelling and optical examination. Films of the materials under test are saturated with vaporized solvent, in a chamber, and are observed microscopically from time to time. Bright patches may be observed if the specimen is not homogeneous. It was found by the above method that branched chain PIB does not exhibit any appreciable compatability with PVA, in comparison with linear PIB. This increased reactivity is ascribed to steric factors. There are 2 figures. [Abstractors note: Complete translation.]

Card 2/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, I.; NIKOLINSKI, P.

A possible increase in the compatibility between choroprenic and butadiene-styrene rubbers. Doklady BAN 14 no.5:483-485 '61.

1. Submitted by Academician D. Ivanov.

(Rubber)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

B/007/62/000/002/010/012
B205/B307

AUTHORS: Nikolinski, P., Mladenov, I. and Khodkevich, A.

TITLE: Preparation and properties of mixed polymers based on butadiene-nitrile and polysulfide rubber

PERIODICAL: Referativnyy byulleten' Bolgarskoy nauchnoy literatury, Khimiya i khimicheskaya tekhnologiya, no. 2, 1962, 8, abstract 114, Kozhi, obuvki, kauchuk, plastmasi, 3, 1962, book 1, pp 7-9 (Bulg., Rus. summaries)

TEXT: The authors prepared a mixed polymer from butadiene-nitrile rubber SKN -40 (SKN-40) and thiokol A (polycondensation product of dichloroethane with Na polysulfide) taken in the ratio of 3:1 without pre-purification from anti-ageing compounds and sulfur, by combined plasticization under nitrogen. During rolling for 40 min at roller temperatures of 20-60°C, 86% of thiokol combines with nitrile rubber. The mixed polymer dissolves to the extent of 98% in acetone at 20°C, over 24 hours. The adhesiveness of this product (on average 1800 g/cm) and stability w.r.t. solvents are better than

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B/007/62/000/002/010/012
B205/B507

Preparation and properties ...

those of a mixture of butadiene-nitrile rubber and thiokol. (Sofia, Khimiko-tekhnologicheskiy institut (Sofia, Institute of Chemical Technology))
[Abstracter's note: Complete translation]

Card 2/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

B/007/62/000/002/009/012
D205/D307

AUTHORS: Nikolinski, V. and Mladenov, I.

TITLE: The preparation of filler-free chlorinated rubber from vulcanization waste

PERIODICAL: Referativnyy byulleten' Bolgarskoy nauchnoy literatury, Khimiya i khimicheskaya tekhnologiya, no. 2, 1962, 8, abstract 113, God.-khim.-tekhnol. inst., 7, 1960, book 1-2, 1961 (Dep. 1962), pp. 251-258 (Rus. and Ger. summaries)

TEXT: Chlorinated rubber is produced by the chlorination of crumbed vulcanization wastes, suspended in CCl_4, in the presence of a halogen carrier, with chlorine passed through at an optimum velocity of 30-35 l/hr per liter of suspension. The chlorination is carried out at the b.p. of CCl_4, 76°C, using a ratio of CCl_4: rubber of 20:1. The product contains most of the components of the rubber mixture, exerting an unfavorable effect on the quality of chlorinated rubber coatings. Removal of soot from the chloro-rubber

Card 1/2

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B205/B307

The preparation of filler-free ...

solution in CCl_4 takes place by the precipitation of the petroleum fraction (b.p. 140-170°C) and heating to 40-60°C. Chloro-rubber is isolated from soot-free filtrate by steam-distilling off the CCl_4. The separated soot is re-activated by heating to 250-400°C. Varnishes prepared on the base of the chloro-rubber obtained need not be less than 30% plasticizer. (Sofia, Khimiko-tekhnologicheskiy institut (Sofia, Institute of Chemical Technology))

[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, KH.

Our experiences in gathering the harvest. p. 7.
(Kooperativno Zemedelie, Vol. (illegible) no. 7, June 1952. Sofiia, Bulgaria)

SO: Monthly List of East European Accessions (EEAI), Vol. 7, no. 11, October 1958, Uncl.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, L.

MLADENOV, L. New machines for the lumbering industry. p. 28.

Vol. 5, no. 9, 1956
TEZHKA PROMISHLENOST
TECHNOLOGY
Sofia, Bulgaria

So: East European Accession, Vol. 6, no. 3, Mar. 1957

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

ACC NR: AP6026950 SOURCE CODE: UR/0115/66/000/007/0060/0063

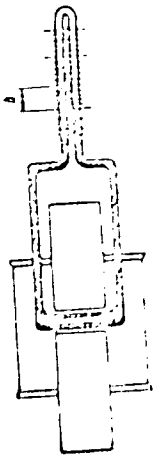
AUTHOR: Khristemov, D. M. (Bulgaria); Mladenov, L. P. (Bulgaria)

ORG: none

TITLE: Faraday wattmeter

SOURCE: Izmeritel'naya tekhnika, no. 7, 1966, 60-63

TOPIC TAGS: wattmeter, power meter



ABSTRACT: The Faraday electromagnetic-pump principle is applied to measuring electric power. Both pipe openings of such a pump are included in one closed system (see figure) whence the ponderomotive force is balanced against the hydrostatic head due to the difference in liquid (mercury) levels in the two arms of the U-tube. Essentially, the instrument is a reactive-power meter. By connecting it to a circuit normally used for measuring reactive power by active-power meter (vars by wattmeter), the new instrument can measure active power. It also measures d-c power (with different calibration). Its claimed

UDC: 621.317.784

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ACC NR: AP6026950

advantages: direct measurement of large power (no shunt or current transformer needed), linear scale, hermetically sealable (suitable for chemically aggressive or tropical conditions), has no moving parts. Its disadvantages: large consumption, sensitivity to tilt, low accuracy. Orig. art. has: 3 figures and 12 formulas.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 001

Card 2/2

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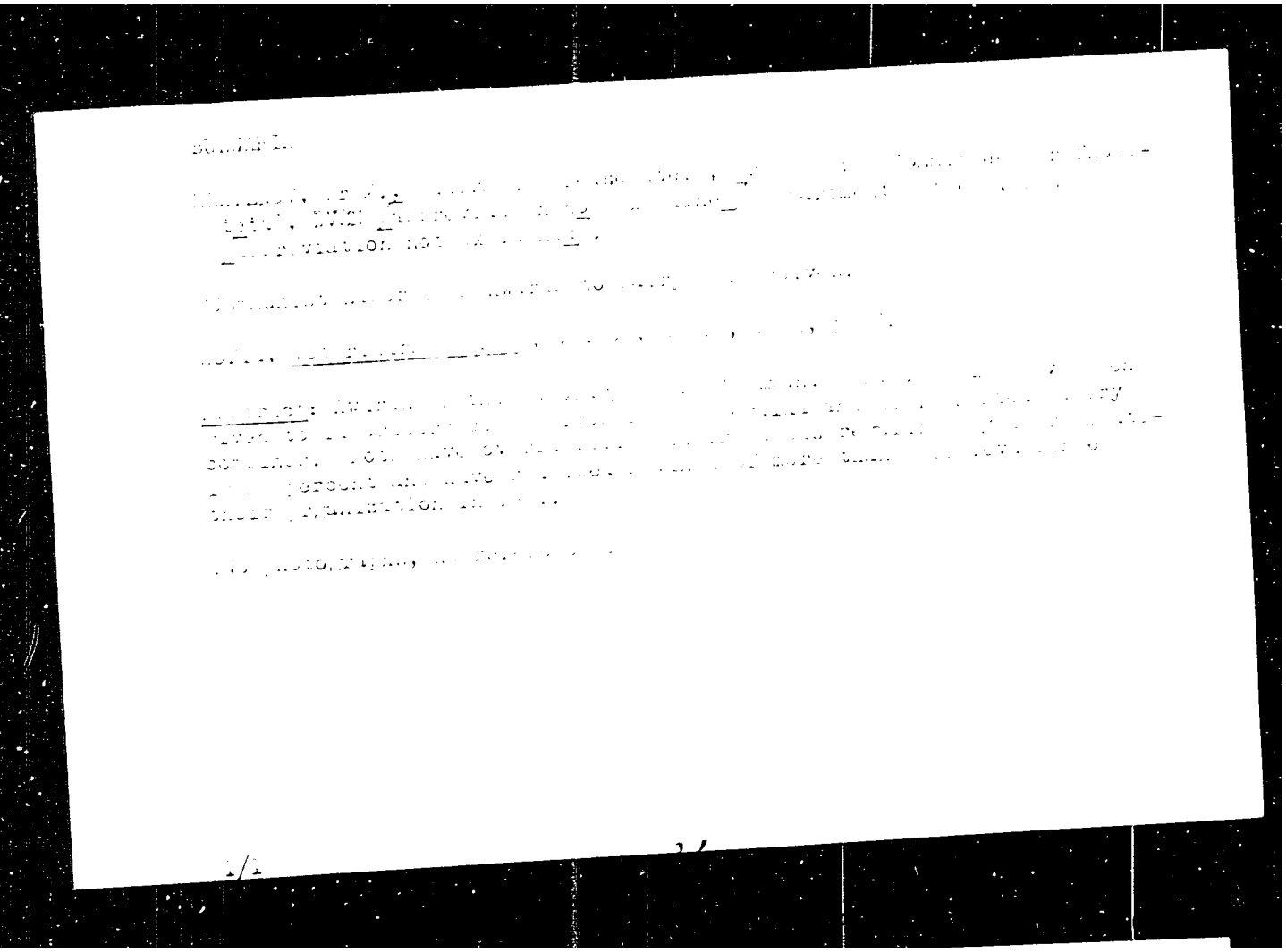

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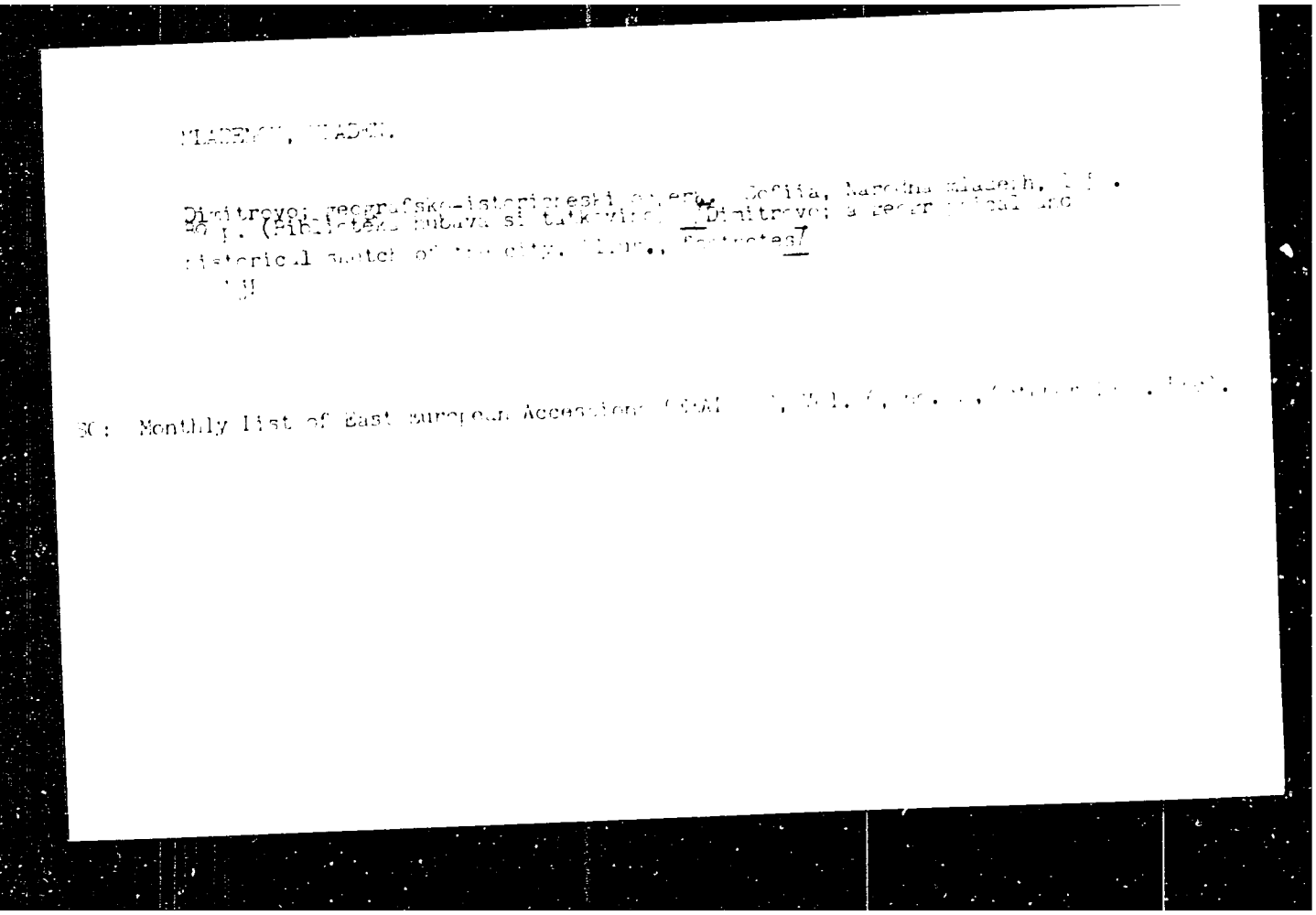

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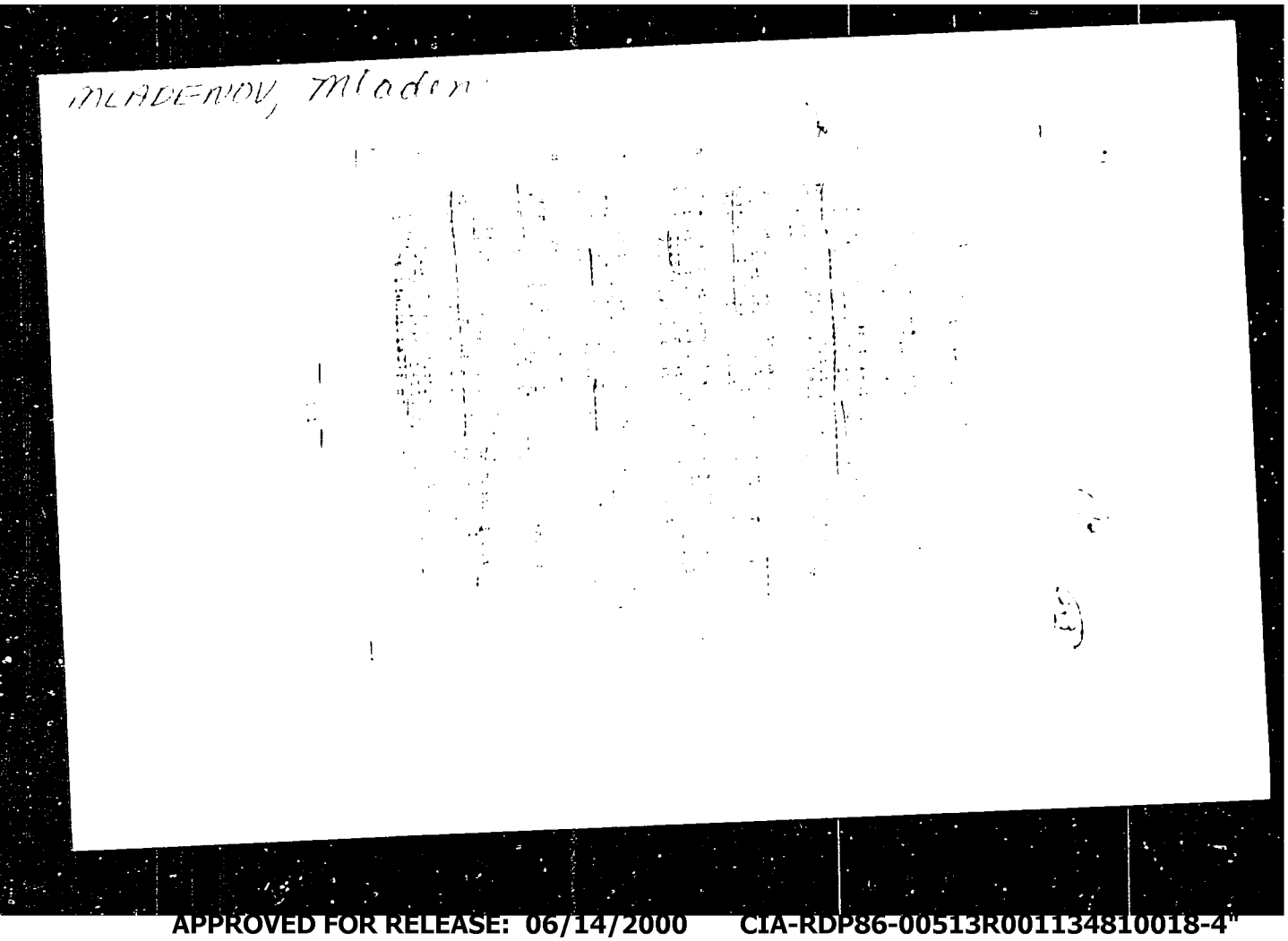

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, Mladen, inzh.

Submerged three-phase asynchronous electric motors for centrifugal pumps. Elektroenergiia 15 no. 2: 27-28 F '64.

1. "G. Dimitrov" State Machine-Building Factory, Vidin.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, N., inzh.

The rationalization movement in labor conscription. Ratsionalizatsiia no.2:7-11 '62.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, N., inzh.

Rationalizers in the front ranks of labor conscription. Ratsionalizatsiia no.7:16-18 '62.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, Naiden P., inzh.

Metal propping material for narrow ditches. Ratsionalizatsiia 11 no.8: 18-19 '61.

(Construction frames)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

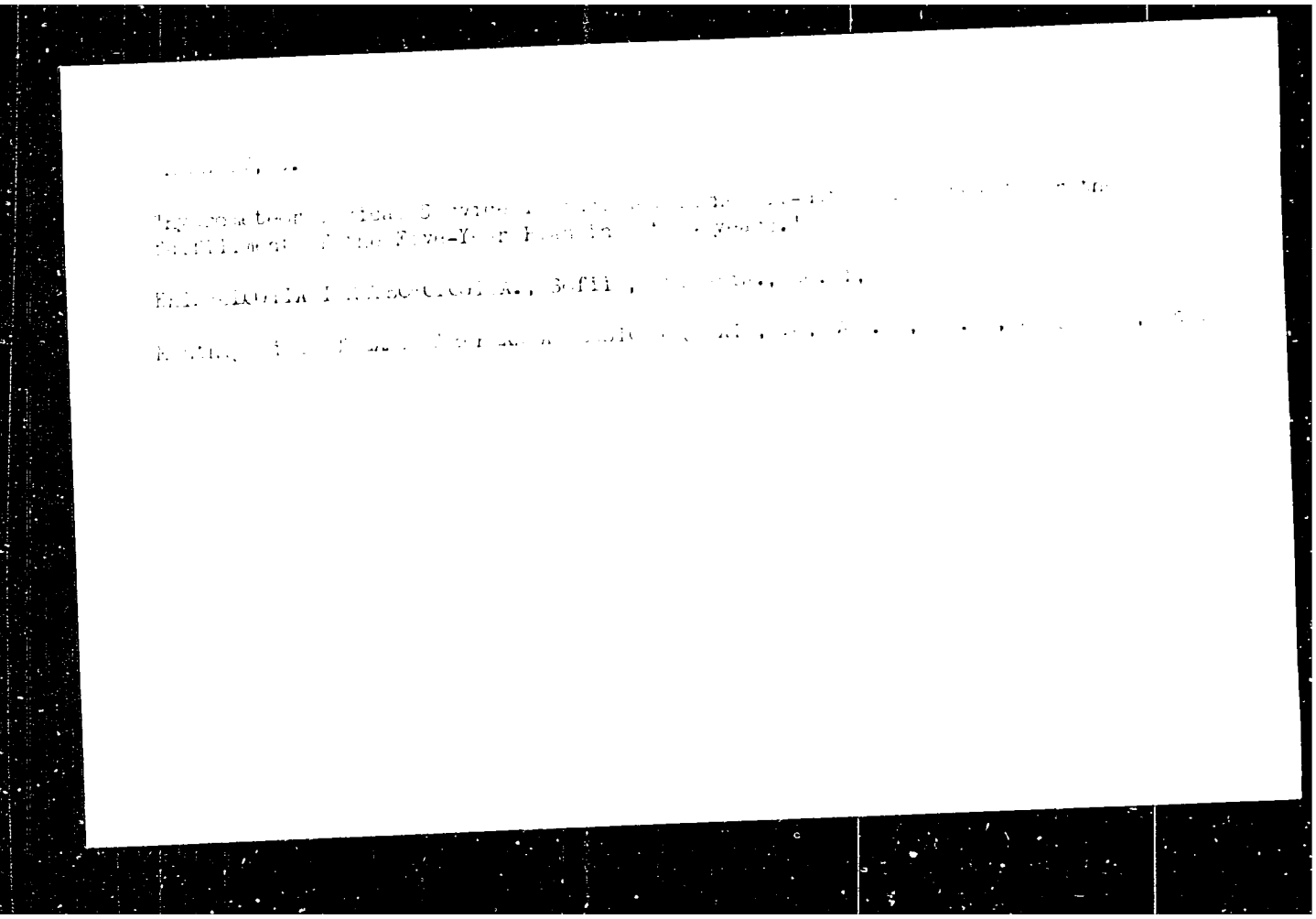
"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, Naiden P. inzh.

Device for testing concrete waterproofness. Mekhanizatsiia no.10:18 '62.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4



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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, S., d-r

The secret of muscle fiber. Nauka i tekh mladezh. 14 no.9:6-8 S '62.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

BULGARIA

[illegible], S., Department of Anatomy, Higher Institute of Medicine, Sofia

"The Phosphatase Activity in the Myelin Sheath of the Mixed Peripheral Nerve"

Sofia, Suvlady Doklady Bolgarskoy Akademii Nauk, Vol 19, No 12, 1966, pp 1211-1214

[illegible]: /English article/ The part played by the myelin sheath of the nerve fibers as insulator is well known, but myelin plays yet an other part in the function of the nerve which has not been fully clarified yet. This was suggested by the fact that a myelin nerve fiber conducts a nerve impulse 10 times faster than [illegible] fibers. Consequently, by applying certain histochemical techniques for phosphatases under various conditions the author investigated the enzyme activity in the myelin sheath of the peripheral nerve fibers. The investigations covered the sciatic nerves of rat, rabbit, and cat, and involved the application of various histochemical methods. A discussion of the results shows that a very weak alkaline phosphatase activity was established in the myelin by the histochemical techniques used; [illegible] activity was revealed by individual nerve fibers alone. Regarding other phosphatases, the myelin sheath showed no activity; the coloring of the myelin observed in some instances in the sections for acid and adenosine-3-phosphatases) was the result of an artefact due to diffusion. References: 1 Soviet and 11 Western. (Manuscript received, 27 Aug 66.)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

TOMOV, K., inzh.; MLADENOV, Sl., d-r.

Electronic aiding surgery. Nauka i tekh mladezh 15 no.6:24-25 Je '63.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, St., mash. tekhn.

Valve seat repair. Tekhnika Bulg 2 no.4:29-32 Ap '53.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, S.

"Constructive Forms and Calculation of the Seams for Electric Welding." p. 16,
(TEZHKA PROMISHLENOST, Vol. 3, No. 1, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, St., masn. tekhnik

Tolerances and assemblage. Tekhnika Bulg 3 no.3:21-24 Mr '54.

RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, St., masn. tekhn.

Manufacturing [illegible] air [illegible]. Tekhnika Bulg 3 [illegible] Ap '54.

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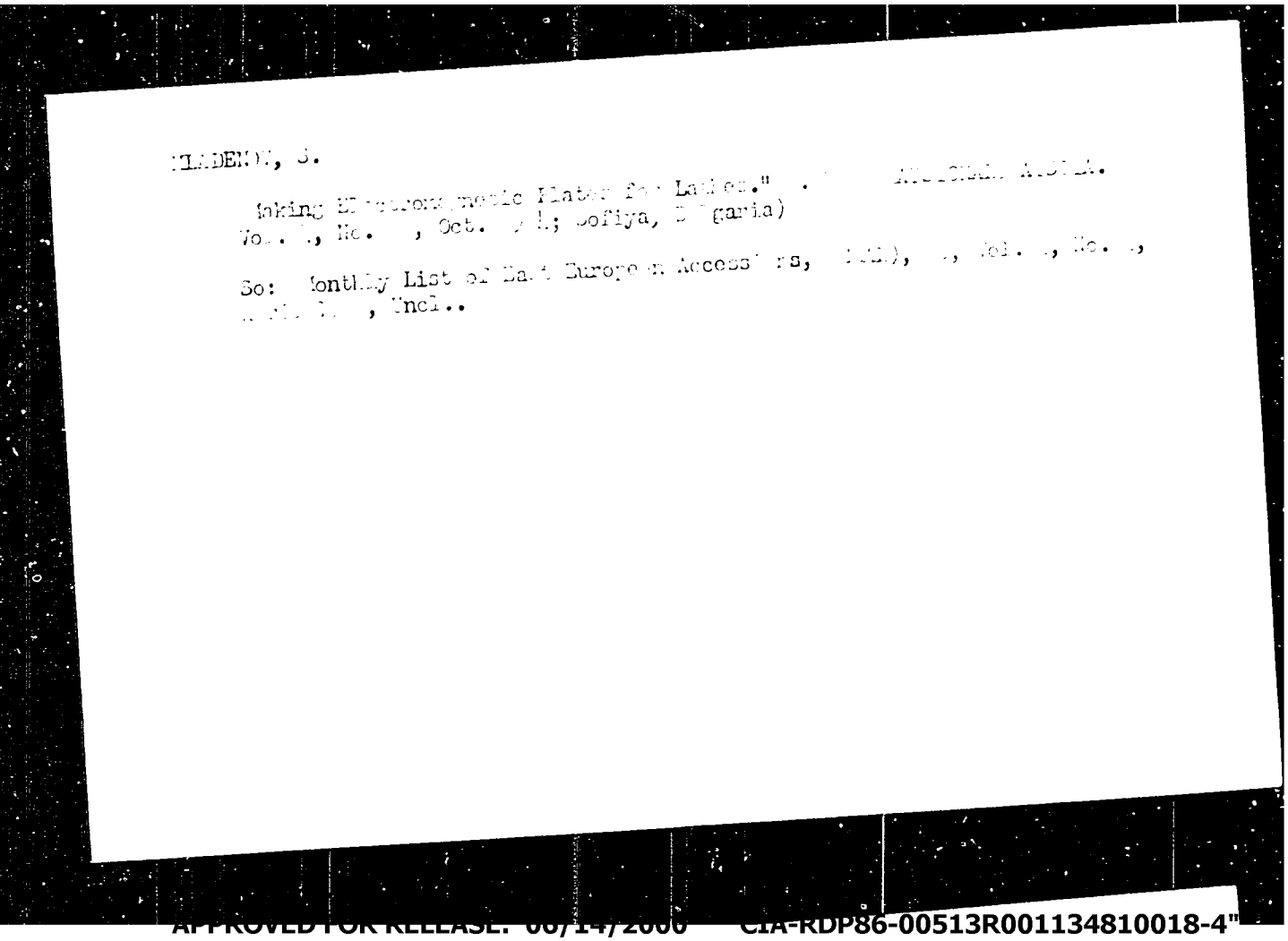

[illegible], S.

[illegible]making Electromechanic Plates for Ladies." [illegible]
Vol. [illegible], No. [illegible], Oct. [illegible]; Sofiya, Bulgaria)

So: Monthly List of East European Accessions, [illegible], [illegible], Vol. [illegible], No. [illegible], [illegible], Incl..

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, ST.

Metalizer for the Reconstruction of Machine Parts. The Bulgarian Heavy Industry, 3:55:Mar 55

06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADEN V, D.

Restoration of cruciform motor blades [illegible]
TEKHNIKA [illegible]
Sofiia. Vol. [illegible], no. [illegible], [illegible]

[illegible]: East European Accessions List, [illegible], Library of Congress, Vol. 5, no. 12, December 1956

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, S.

MLADENOV, S. Restoration of worn-out conic roller bearings. p. 19.
Electrochemical oxidation of aluminum and Duralumin details. p.20.

Vol. 6, no. 3, Mar. 1956 RATSIONALIZATSILA Sofiya, Bulgaria

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10
Oct. 1956

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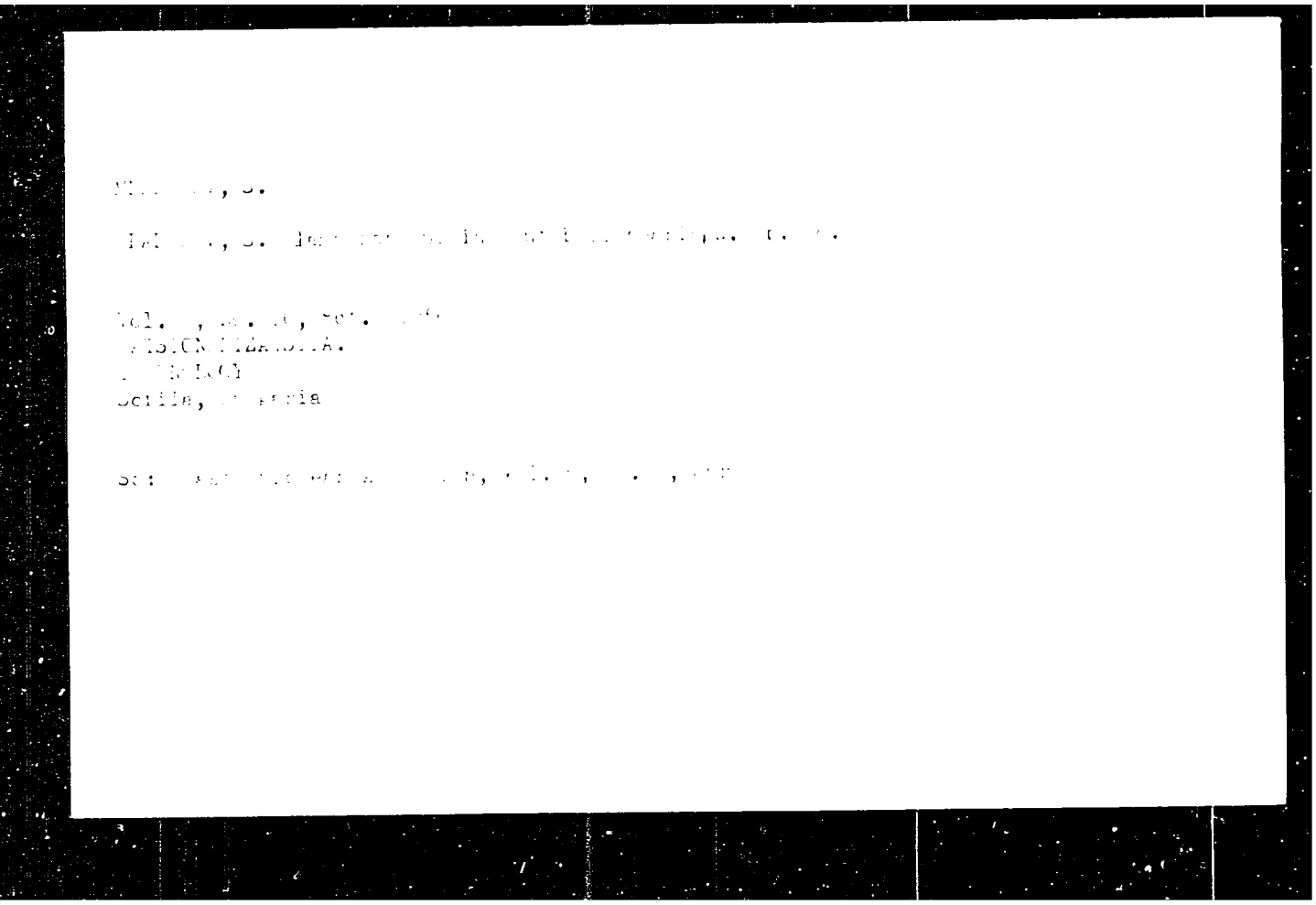

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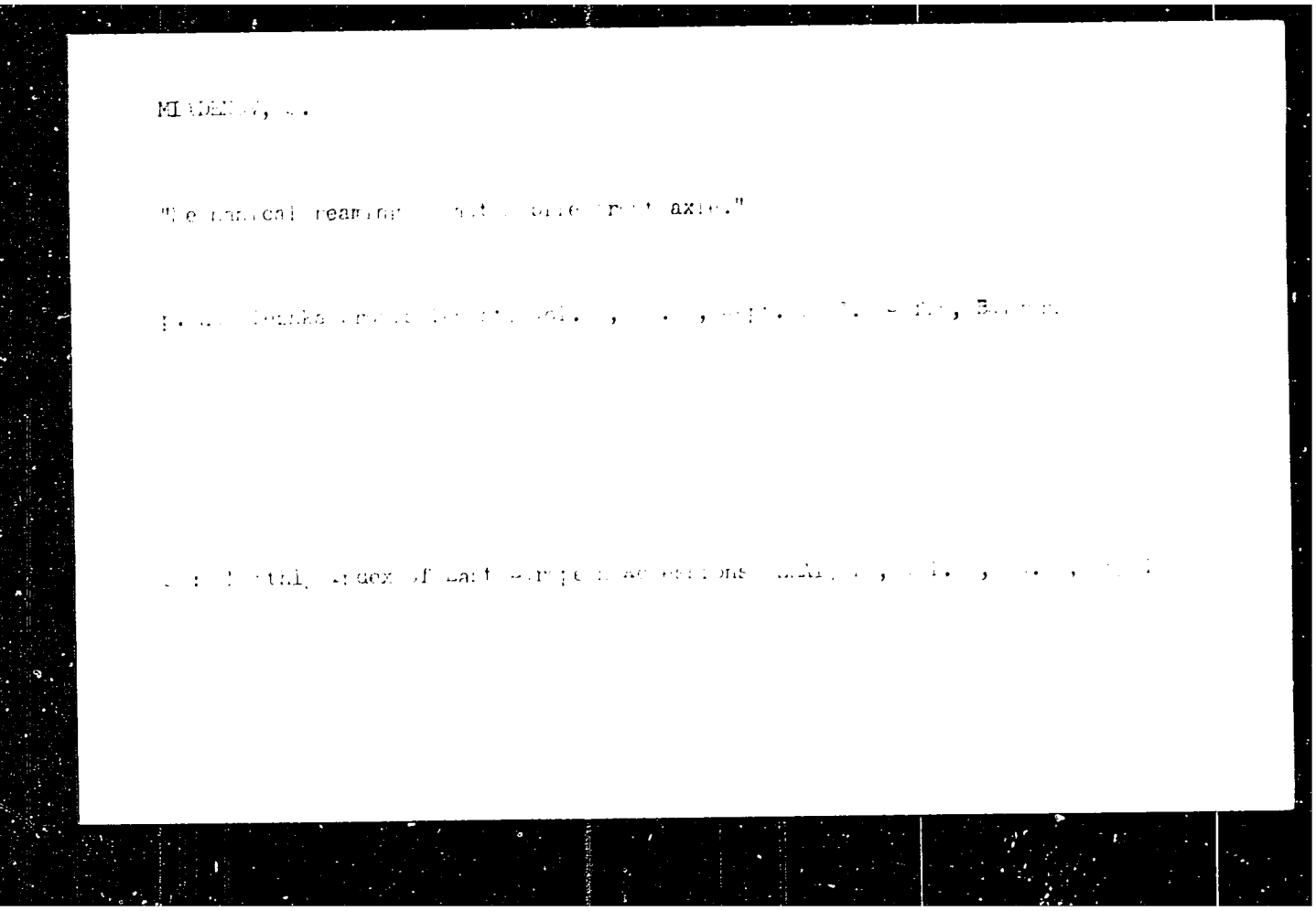

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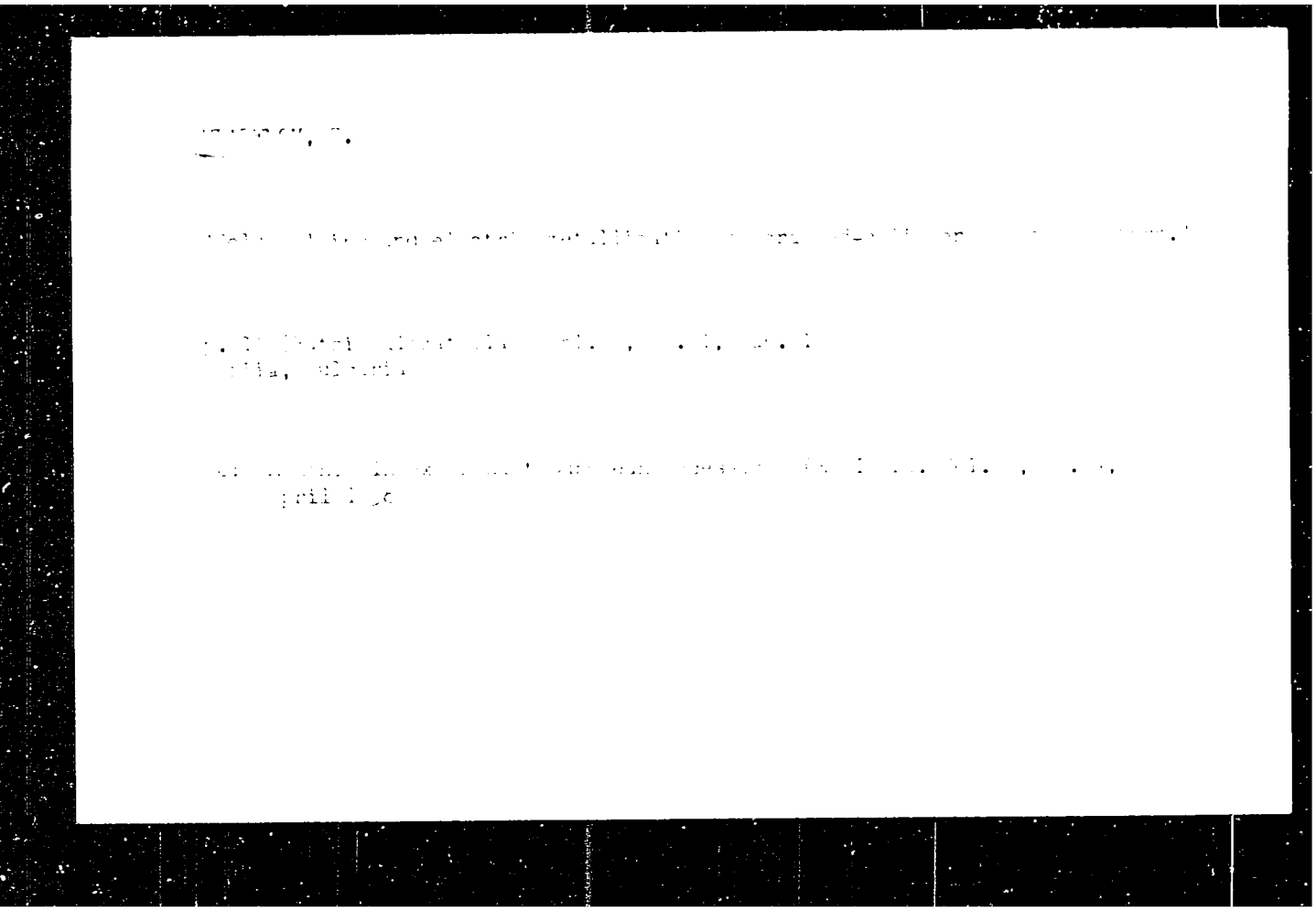

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Sofia, Bulgaria

TO: [redacted]

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, S.

"Making steel patches for cracks in chasis."

p. 28 (Ratsionalizatsiia) Vol. 7, no. 6, June 1957
Sofiia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, S.

"Jig for boring plates of supporting bearing of D-350 Chepel motor truck"

p. 24 (Ratsionalizatsiia) Vol. 7, no. [illegible], Sept. 1957
Sofiia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, S.

Restroration of worn-out-spring clamps. Changing the cross rest and the cutting tool of the Vaipert lathe.

pages 23-24 (RATSIONALIZATSIIA) Vol. 7, no. 10, Oct. 1957, Sofiia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3, March 1958

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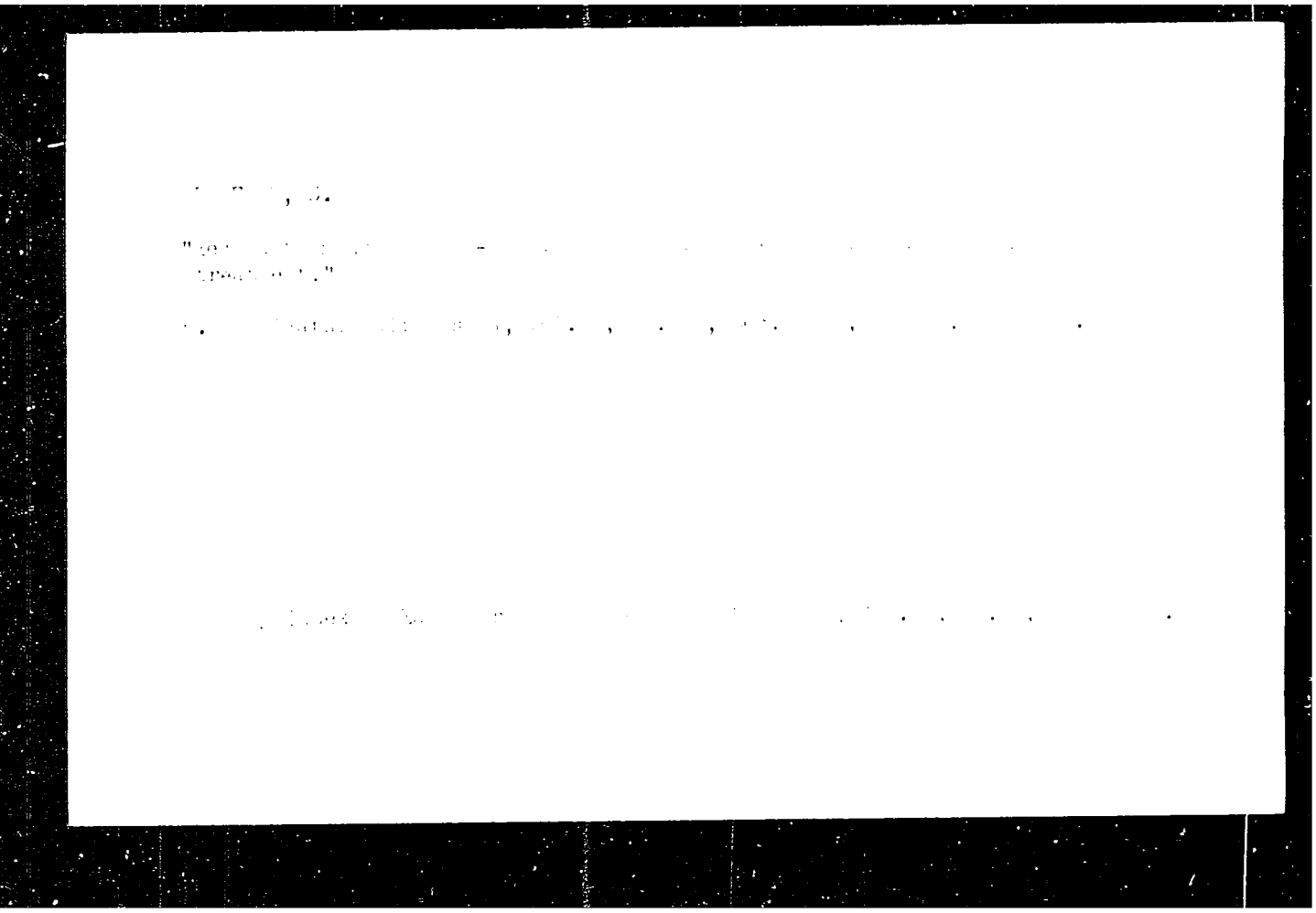

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MLADENOV, S.

TECHNOLOGY

Periodicals: TEZHKA PROMISHLENOST Vol. 7, no. 12, Dec. 1958

MLADENOV, S. Restoration of worn-out machine parts through electric welding. p.33.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5, May 1959, Unclass.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, S.

AGRICULTURE

Periodical KOOPERATIVNO ZEMEDELIE. No. 9, Sept. 1958.

MLADENOV, S. Reconditioning worn-out parts by metallic coating. p. 31.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1959. Uncl.

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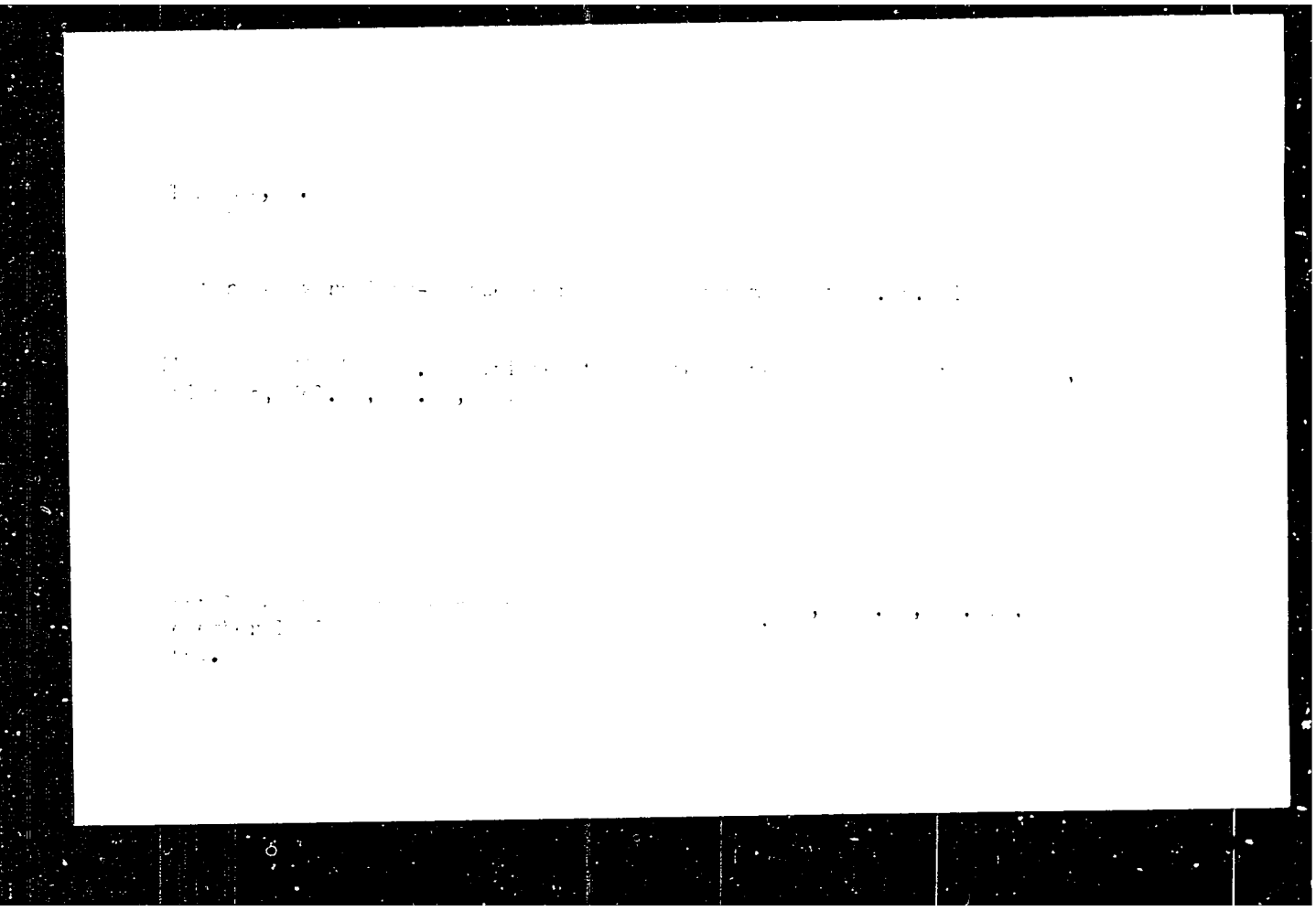

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MLADENOV, St.

An automatic device for the cutting of thin-walled pipes. Mashinostroene
10 no.10 42-43 O '60.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

BICHOKOVSKI, Iv., inzh.; MLADENOV, St.

Device for inspecting the wholeness of the rotor axels of the asynchronous electric motors. Ratsionalizatsiia 11 no.9:20-21 '61.

(Electric motors, Asychronous)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

KHRISTOV, G.; MLADENOV, St.

Bee honey in surgical practice. Anti-microbial properties of honey. Khirurgiia (Sofia) 14 no.10:937-946 '61.

1. Vissh meditsinski institut, Sofiia Katedra po mikrobiologiia Zav. katedrata: prof. Sv. Burdarov.

(HONEY pharmacol)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

BICHOKOVSKI, Iv., inzh.; MLADENOV, St., inzh.

Device for the checking of the number of turns. Ratsionalizatsiia no.7:20-21 '62.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

MLADENOV, St., inzh.

Devices for the improvement of artificial respiration. Ratsionalizatsiia no.8:20-22 '62.

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, St., inzh.

A new and improved construction of [illegible] gabarit asynchronous electric motors. Ratsionalizatsiia no.12:18-19 '62.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, St., inzh.

Suspended conveyer for painting sizes 4 and 5 of the AOL electric motors. Mashinostroene 12 no.5:38-40 My '63.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, St., d-r, kand. na meditsinskite nauki

Preserving properties of bee honey. Priroda Bulg 12
no.5: [illegible] '63.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, St., inzh.

Grooving of the shafts of electric motors on [illegible] machines. Mashinostroene 1: no.[illegible] 44 Ag '[illegible].

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, St., inzh., [illegible] inzh.

Modernizing the device [illegible]. Mekhanizatsiia [illegible] no.5:18-1[illegible].

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

MLADENOV, Stoian, inzn.

Making groove wedges for the AO2 gauges 4 and 5 stator blocks of electric motors. Rationalizatsiia i izob. no.2: 15 '63.

...ASE: 06/14/2000 CIA-RDP86-00513R001134810018-4"

MLADENOV, Stoian, inzh.

Circular saw for nonferrous metals. Rationalizat. ...e i izob. no.9:20-21 '63.

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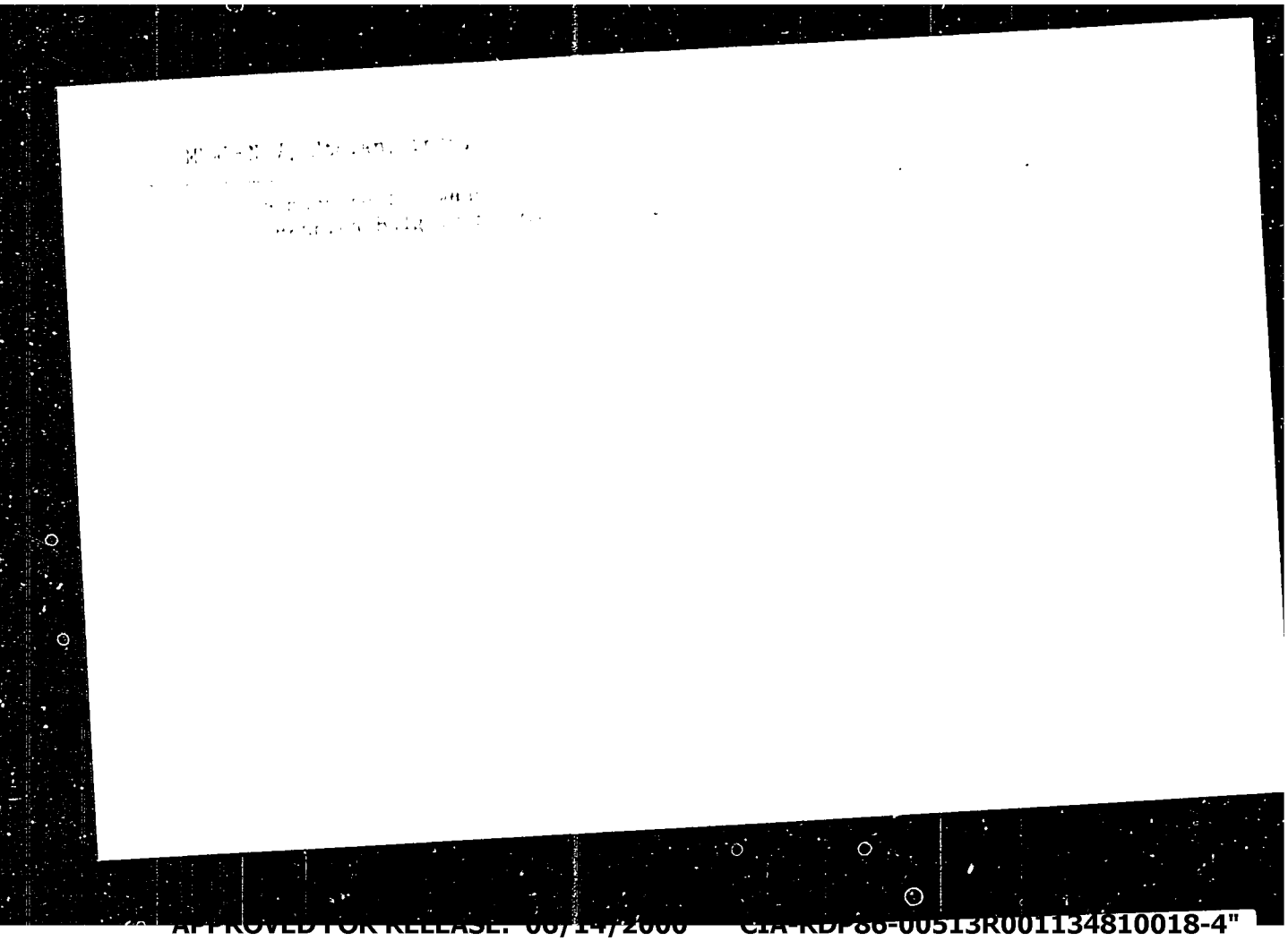

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

ACC NR: AP6028476 SOURCE CODE: BU/0011/65/018/011/1047/1049

AUTHOR: Mladenov, S.

ORG: Department of Anatomy, Higher Institute of Medicine

TITLE: Histochemical investigations on the enzyme activity in the nodes of Ranvier

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 11, 1965, 1047-1049

TOPIC TAGS: enzyme, histology, neuron, cholinesterase, neurology, biochemistry

ABSTRACT: Gorobtzoff presented earlier (see, e.g., Ann. Histoch. 9, 1964 a, 209-216; II Conferentia anatomica et Histologica, S., 1965, p. 10) histochemical demonstration of the existence of high cholinesterase activity localized in a ring near and around the axon in the nodes of Ranvier after using Triton-X-100 as detergent. He identified this ring with the structure described by A. Neminoff (arch. mikr. Anat. 72, 1908, 757-606). Furthermore, he described the presence of high alkaline phosphatase activity in the form of a bridge situated in the axon, in the zone of the node. The present paper seeks to explain the nature of the coloring observed in the nodes. It describes the method used and the results obtained. Although it could not be proved beyond any doubt that the coloring observed in the alkaline phosphatase preparations is not an artefact, data from control preparations seem to contradict such an interpretation. This paper was presented by Corresponding Member D. Kadanov on 15 July 1965. Orig. art. has: 4 figures. [Orig. art. in Eng.] [JPRS: 36,592]

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MLADENOV, Stoian, inz.

A new way of [illegible]
Racionalizatsiia [illegible]

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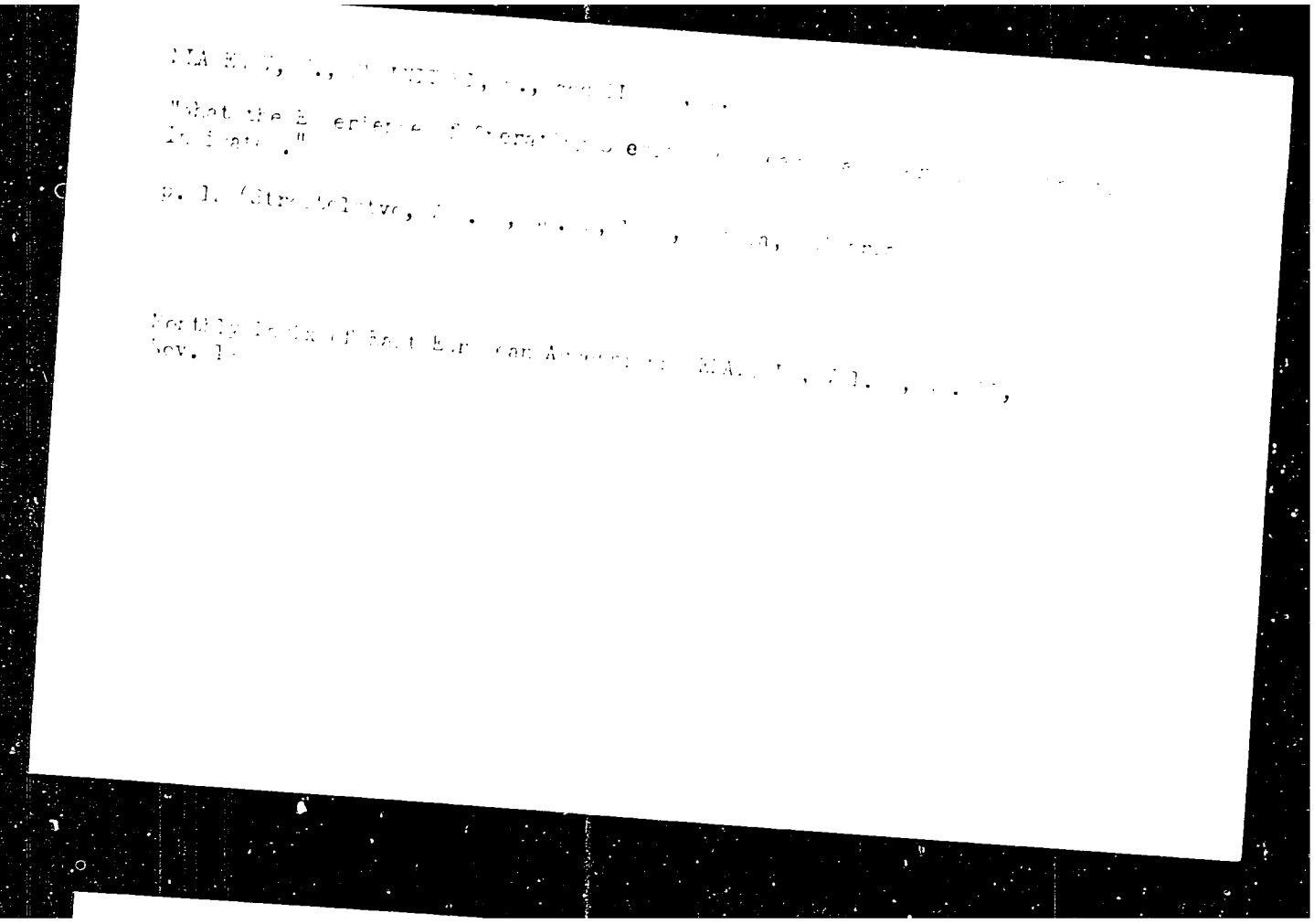

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

KOSEV, S.; MLADENOV, V.; CHONEV, I.

Precast elements for earthquake-resistant apartment houses in Bulgaria. Bet.i zhel.-bet. no.8:381-383 Ag '61. (MIRA 14:8)
(Bulgaria—Earthquakes and building)
(Bulgaria—Precast concrete construction)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R00113

MLADENOV, V., inzh.; MATOV, P., inzh.; ILCHEV, V., inzh.

Mechanization in building equal to new tasks. Stroitelstvo 10 no.1:25-28 Ja-F '63.

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

BULGARIA/Chemical Technology. Chemical Products and Their Applications. Electrochemical Industries. Electroplating. Galvanic Cells. H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 20100

Author : Mladenov, Ya.
Inst : -
Title : Shiny Nonporous Nickel Plating.

Orig Pub : Rekhnika (B"lg.), 1958, 7, No 6, 35-37

Abstract : During the application of multi-layer coatings (Ni-Cu-Ni) on an object, the latter is first scoured (chemically or electrochemically), then cleaned in HCl or H_2SO_4, and nickelplated in a sulfate-chloride electrolyte; the thickness of Ni

Card : 1/2

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MLADENOV, Z.M.

Relation of sex and seasons to certain physiological characteristics in birds. Zhur.obshch.biol. 16 no.4:285-290 Jl-Ag '55. (MLRA 8:11)

1. Institut eksperimental'noy veterinarnoy meditsiny Bolgarskoy Akademii nauk, Sofiya.

(CLIMATE,
eff. of seasons & sexual activity on bones & Blood in birds)
(SEXUAL BEHAVIOR,
eff. of sexual activity & seasons on bones & blood in birds)
(BIRDS,
eff. of seasons & sexual activity on bones & blood)
(BONE TISSUE, physiology,
eff. of seasons & sexual activity in birds)
(BLOOD, physiology,
eff. of seasons & sexual activity in birds)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

BULGARIA/Human and Animal Physiology - Blood. V-3

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18024

Author : Z., Mladenov

Inst : The Institute of Experimental Veterinary Medicine of the Bulgarian Academy of Sciences.

Title : Seasonal, Sexual and Age Changes in the Blood of the Domestic Duck.

Orig Pub : Izv. In-ta eksperim. vet. med. B'lgar. AN, 1956, 4, 105-119.

Abstract : On 350 ducks and ducklings 1127 determinations were run of erythrocyte count and 917 of Hb level. The erythrocyte count of males from December to May averaged 2,910,000 per mm^3, and the Hb level was 80.5%. The corresponding values for the period June through November were 2,621,000 and 76.85. In females the average (for a year) erythrocyte

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BULGARIA/Human and Animal Physiology - Blood.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18025

Author : Z. Mladenov

Inst : The Institute of Experimental Veterinary Medicine of the Bulgarian Academy of Sciences.

Title : Seasonal, Sexual and Age Changes in the Blood of the Domestic Goose.

Orig Pub : Izv. In-ta eksperim. vet. med. B'lgar. AN, 1956, 4, 121-134.

Abstract : The blood of 400 geese was examined. From January through April and November through December it was found that the erythrocyte count among females was 2,431,000 - 17,550 per mm^3 and the Hb level was 76.44 - [illegible]. In males the values were 2,738,000 - [illegible] and 85 - [illegible]. In the period May through October the corresponding values

Card 1/2

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ZAKHOV, Z.

"Changes in the blood of sires in relation to [illegible]on, sex, [illegible]. English summary." p. 124 (Bulgarska akademiia na na kit , 1957, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec. 58.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810018-4

BULGARIA

P. BELOPITOV, V. VASILEV and A. MLADENOVA, City Hospital for Rheumatic Fever of Children (Gradska detska protivorevmatichna bolnitsa), Medical Director (glaven lekar) P. BELOPITOV; and Scientific Institute for Pediatric Research (Nauchno-izsledovatelski institut po pediatriya), Director (direktor) St. KOLAROV, [Sofia.]

"Serum Penicillin Concentration During Preventive Treatment of Rheumatic Fever with the Long-Acting Penicillin Preparation Benzacillin."

Sofia, Suvremanna Meditsina, Vol 14, No 5, 1963; pp 44-47.

Abstract: Tests with Bulgarian-made benzathine penicillin, dissolved in special penicillin solvent of State Drug Control Institute (Durzhaven kontrolen institut za lekarstvenia sredstva), 6 to 8 ml. required for 1.2 million units as given to each of 8 children with rheumatic fever. Serum concentration tested on days 1-20 post-injection by inhibition of Sarcina lutea strain: irregular, only low level remained in only 4 on day 18, none on day 20. Desiderata for ideal long-acting preparation are discussed. Table.

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